SFC8000HP Firmware Upgrade Guide From V1.x to SONOS V2.4.1.2 Fixed Firmware

*** Notes: Previous settings will be initialized, so please check the existing settings and back up before upgrade. ***

1. Firmware Information

  - Product Model: SFC8000HP
  - Firmware version: SONOS_2.4.1.2
  - Firmware file name: SFC8000HP_SONOS_2.4.1.2_F.dat
  - Firmware file hash value (SHA512):
  84EEB8692D8FC63772D06CE029F0288DE89B9BA9A7BBFF1E571C8B3797E9EDD165452CAC69FF25E1C4A897
  FD0CBA2AD5E37FD8AFEA74B6F698279961240C0B1D
  - Image integrity check hash value (SHA256):
  A757A0FC8CFC1DFE9BE5F24C210975E9D506AB4AA0E58C4B2382F6922F51CBAC

2. Improvements (common)
  - Initial boot log and boot time improvement.
  - CLI command improvement. % Improved in Cisco-Like CLI format.
  - Dual-Sring support.
  - SFP Full-Auto support. (% Function to set optical SFP Speed automatically (HCD) using information of SFP module)
  - PoE stability and compatibility improvement.
  - Web page design and operation improvement.
  - L3 Static Routing function provided.
  - Device Access with basic SSH and HTTPs (443).
  - Security compliance support. (Security compliance devices: SFC6800, SFC6810, …)
  - Improved in SONOS structure. (% Check [SONOS Improvements] document for details.)
  - Web certificate key: 1024 -> 2048bit changed.
  - Web page details improvement.
  - Added show startup-config/default-config.
  - Security vulnerability items improvement. (arp-proxy, source-routing, broadcast reply…)
  - Improved by not using Watchdog function completely. (Occurred when activated according to conditions before)
  - Full-Auto SFP 1G fixed operation bug fixed.
  - Web login page and web design and operation (responsiveness and security) improvement.
  - Upgrade without Reset function added (Web/CLI)
  - Delayed Reset function added (Web/CLI)
  - NTP time synchronization procedure improvement. (Fast time synchronization)
  - Telnet/SSH port change function added. (Web/CLI)
  - Improved each protocol function and performance. (PoE, DNS, ACL, DDMI, ERPS, LACP, QoS, etc.).

3. Upgrade information
  - Fixed general image for field use: Required image (bootloader + firmware) for upgrading the product from existing firmware 1.x to SONOS 2.x
  - You must upgrade to the fixed firmware image corresponding to the installed product model only.
  - In the case of PoE products, proceed after checking whether upgrade is possible (For Soltech Co., Ltd. KC certified products like SFC8000-4P, SFC400HP, SFC450HP SONOS are not applicable, so check product label.)
  - After upgrading, previous settings will be initialized, so check and back up existing settings. (Proceed after removing one uplink if any redundancy protocol like S-Ring, ERPS, STP, RSTP, MSTP is configured.)
  - Avoid disconnecting the power during upgrade and automatic rebooting (time required: approximately 5 to 6 minutes)
  - On web browser, open https://192.168.10.100 and click 'Advanced', and then click 192.168.10.100 to continue at the bottom. If login window appears, enter default username "admin" and password "admin".
  - After logging in, proceed with function settings again by referring to previous settings data. (Existing version 1.x backup files cannot be uploaded directly.)
  - Reconnect removed uplink if redundancy like S-Ring, ERPS, STP, RSTP, MSTP is configured.
  - After upgrading, if the PoE function does not work, turn the switch off and on and check the PoE status.

- If 'PoE not available – No PoE chip found' is displayed in Port Status on the Monitor>PoE screen, it is an older product and click 'Activate Alternate Image' on the Maintenance>Software>Image Select screen to operate with the existing firmware.